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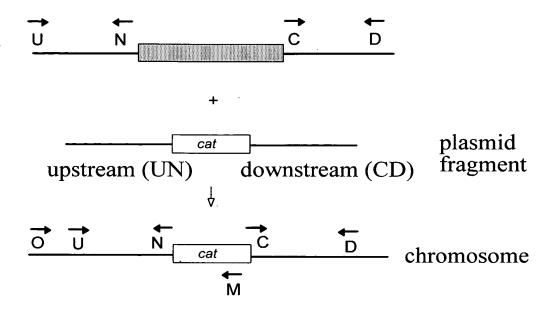
App No.: Not Yet Assigned Docket No.: UMY-046

Inventor: Kenan C. MURPHY

Title: IMPROVED REAGENTS FOR RECOMBINOGENIC

ENGINEERING AND USES THEREOF

A. λ Red recombination with plasmid substrates



B. λ Red recombination with PCR substrates

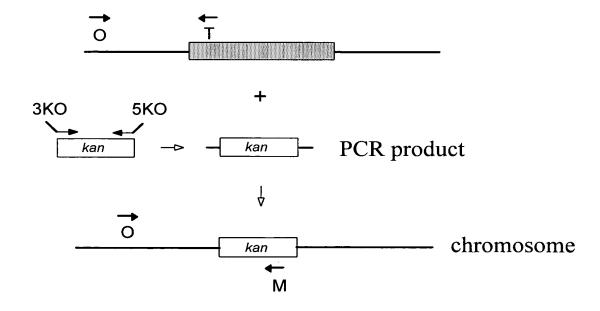
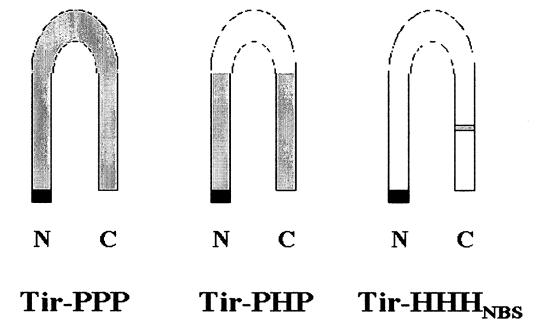


Figure 1

Docket No.: UMY-046

Title: IMPROVED REAGENTS FOR RECOMBINOGENIC ENGINEERING AND USES THEREOF



Murphy and Campellone, Figure 2A

Title: IMPROVED REAGENTS FOR RECOMBINOGENIC

Docket No.: UMY-046

ENGINEERING AND USES THEREOF

 $\underline{\text{Tir-PHP}} \ \underline{\text{Tir-HHH}}_{NBS}$ Tir: Tir-PPP Location: P $\underline{\mathbf{C}}$ P \mathbf{C} \mathbf{C} 90kDa HA-Tir: 80kDa 70kDa N-WASP: - 40kDa OmpA: - 30kDa

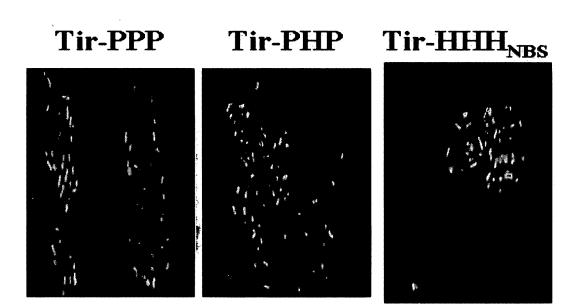
Murphy and Campellone, Figure 2B

Docket No.: UMY-046

Title: IMPROVED REAGENTS FOR RECOMBINOGENIC

ENGINEERING AND USES THEREOF

Plasmid Expression



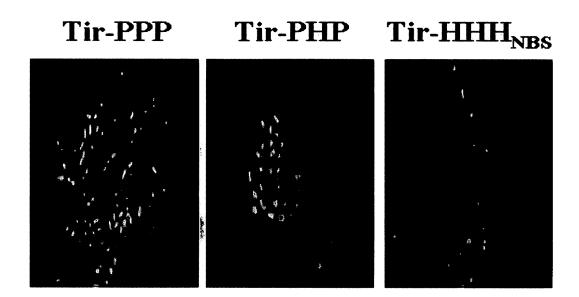
Murphy and Campellone, Figure 3A

Docket No.: UMY-046

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ENGINEERING AND USES THEREOF

Chromosomal Expression



Murphy and Campellone, Figure 3B

App No.: Not Yet Assigned Inventor: Kenan C. MURPHY Docket No.: UMY-046

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ENGINEERING AND USES THEREOF

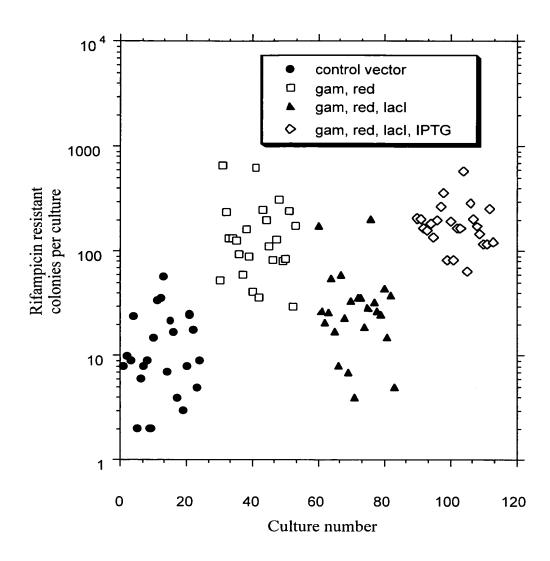


Figure 4

Docket No.: UMY-046

App No.: Not Yet Assigned Docket No.: UMY-04/
Inventor: Kenan C. MURPHY
Title: IMPROVED REAGENTS FOR RECOMBINOGENIC

ENGINEERING AND USES THEREOF

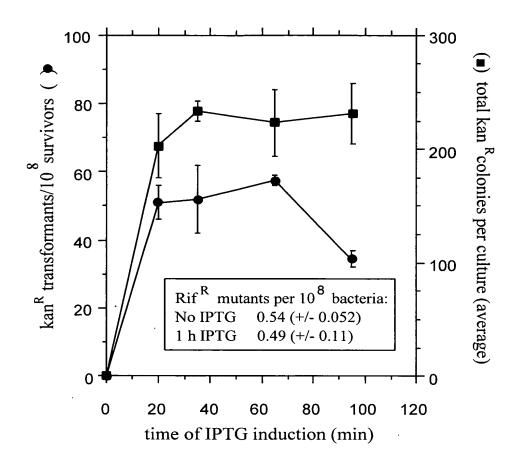


Figure 5